ALMANAC CCXXI PERIHELIONS OF EARTH IN CE

The almanac CCXXI contains a list of perihelions of Earth from the 1st millennium CE to the 4th millennium CE.

1ST MILLENNIUM CE

This is a list of perihelions of Earth in the 1st millennium CE.

DATA TDT DISTANCE

111111

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- 4/12/02 16:37:46 146.982387
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- 8/12/01 23:33:29 146.975473
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- 11/12/02 05:40:35 146.976898
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- 20/12/01 14:45:23 146.985453
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- 23/12/03 11:58:10 146.986395
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- 25/12/01 05:25:09 146.982546
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2ND MILLENNIUM CE

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- 1800/01/01 06:50:16 147.087636
- 1800/12/31 08:09:03 147.080369
- 1801/12/30 10:37:30 147.091337
- 1803/01/02 02:52:01 147.089579
- 1803/12/31 09:10:41 147.084644
- 1804/12/31 01:20:28 147.088434
- 1806/01/01 11:16:33 147.080071
- 1806/12/30 16:12:39 147.084492
- 1808/01/02 04:43:53 147.086698
- 1808/12/31 17:55:18 147.080656
- 1809/12/30 07:50:40 147.090191
- 1811/01/02 04:46:24 147.089493
- 1811/12/31 19:32:49 147.081830
- 1812/12/30 20:07:22 147.088801
- 1814/01/01 20:41:00 147.085667
- 1814/12/30 21:42:42 147.088898
- 1816/01/01 16:12:45 147.091144
- 1817/01/01 00:02:35 147.079473
- 1817/12/30 08:46:36 147.084206
- 1819/01/02 07:44:43 147.086841
- 1820/01/01 07:11:35 147.081280

- 1820/12/30 14:36:09 147.090612
- 1822/01/02 00:39:42 147.089615
- 1822/12/31 04:39:45 147.089007
- 1824/01/01 07:29:52 147.091920
- 1825/01/01 10:38:05 147.083283
- 1825/12/30 13:15:23 147.088672
- 1827/01/02 02:07:09 147.093127
- 1828/01/01 12:18:59 147.082256
- 1828/12/30 07:31:14 147.084293
- 1830/01/02 02:57:24 147.083301
- 1830/12/31 16:17:05 147.083152
- 1832/01/01 02:30:15 147.090370
- 1833/01/01 19:45:39 147.086690
- 1833/12/30 18:31:10 147.090058
- 1835/01/01 18:19:29 147.095568
- 1836/01/01 22:53:40 147.084629
- 1836/12/30 10:45:59 147.087957
- 1838/01/02 04:00:29 147.092054
- 1838/12/31 23:15:59 147.088532
- 1839/12/31 12:04:34 147.090591
- 1841/01/01 21:08:49 147.083466
- 1841/12/31 01:09:17 147.081596
- 1843/01/01 10:56:19 147.090161
- 1844/01/02 10:02:42 147.082569
- 1844/12/30 15:09:08 147.086528
- 1846/01/02 01:39:22 147.093466
- 1847/01/01 09:34:37 147.087692
- 1847/12/31 11:58:51 147.090821
- 1849/01/02 04:01:39 147.089698
- 1849/12/31 10:36:11 147.089255

- 1850/12/31 21:16:34 147.097395
- 1852/01/02 13:31:28 147.086848
- 1852/12/30 16:55:50 147.082861
- 1854/01/01 17:25:59 147.089307
- 1855/01/01 19:55:10 147.084419
- 1855/12/31 13:17:02 147.088444
- 1857/01/02 04:38:07 147.091541
- 1857/12/31 19:07:20 147.088642
- 1858/12/31 14:20:38 147.094868
- 1860/01/02 22:08:59 147.088005
- 1860/12/31 02:22:29 147.085490
- 1862/01/01 07:13:08 147.095625
- 1863/01/02 02:18:43 147.090338
- 1863/12/31 11:56:53 147.087143
- 1865/01/01 23:14:15 147.088787
- 1866/01/01 05:23:06 147.083506
- 1866/12/31 13:13:33 147.091597
- 1868/01/03 04:06:43 147.090622
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- 1874/01/01 14:09:12 147.088868
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- 1876/01/03 00:29:22 147.089863
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- 1880/01/01 03:45:25 147.087297

- 1881/01/01 09:38:35 147.096813
- 1882/01/01 22:04:33 147.091487
- 1882/12/31 11:38:43 147.093024
- 1884/01/03 01:24:21 147.094705
- 1885/01/01 03:58:32 147.087567
- 1885/12/31 05:22:12 147.096889
- 1887/01/02 20:04:23 147.095226
- 1888/01/01 06:56:41 147.084542
- 1888/12/31 16:47:56 147.090050
- 1890/01/02 06:35:35 147.085584
- 1890/12/31 19:19:26 147.087340
- 1892/01/02 22:45:49 147.094677
- 1893/01/01 13:34:56 147.088253
- 1893/12/31 04:16:21 147.095173
- 1895/01/02 23:30:07 147.097073
- 1896/01/01 18:15:41 147.087285
- 1896/12/31 10:15:08 147.096327
- 1898/01/02 12:13:45 147.094496
- 1898/12/31 22:03:05 147.090561
- 1900/01/02 06:25:30 147.094105
- 1901/01/02 20:18:59 147.083345
- 1902/01/01 07:24:05 147.088838
- 1903/01/04 00:42:37 147.095826
- 1904/01/03 04:15:42 147.087445
- 1905/01/01 04:26:53 147.095963
- 1906/01/03 16:35:19 147.094817
- 1907/01/02 07:28:18 147.088762
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- 1909/01/03 05:40:53 147.089124
- 1910/01/01 10:53:23 147.093917

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1920/01/03 21:47:36 147.089151
1921/01/01 04:29:51 147.093974
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1923/01/02 23:22:39 147.088552
1924/01/02 01:54:18 147.091634
1925/01/03 15:41:40 147.087087
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- 1942/01/02 19:15:31 147.092088
- 1943/01/02 04:35:24 147.100414
- 1944/01/04 17:36:52 147.093928
- 1945/01/01 22:45:03 147.092778
- 1946/01/02 17:52:46 147.104425
- 1947/01/04 02:45:11 147.092454
- 1948/01/02 05:10:31 147.090441
- 1949/01/03 13:30:52 147.094020
- 1950/01/03 06:17:45 147.088732
- 1951/01/02 03:51:40 147.098651
- 1952/01/04 20:41:36 147.095987
- 1953/01/02 06:37:52 147.091212
- 1954/01/02 08:19:13 147.102379
- 1955/01/04 12:21:03 147.093048
- 1956/01/02 13:24:00 147.092577
- 1957/01/03 06:30:26 147.101250
- 1958/01/03 13:25:00 147.093941
- 1959/01/02 00:17:54 147.097242
- 1960/01/04 18:52:20 147.092875
- 1961/01/02 16:47:53 147.085922
- 1962/01/02 04:48:57 147.099426
- 1963/01/04 19:36:32 147.095599
- 1964/01/02 20:44:42 147.094329
- 1965/01/02 19:17:24 147.102640
- 1966/01/03 22:47:56 147.095131
- 1967/01/02 05:55:14 147.097866
- 1968/01/04 18:02:41 147.098784
- 1969/01/03 01:06:58 147.091964
- 1970/01/01 21:09:36 147.100917

- 1971/01/04 18:31:53 147.094518
- 1972/01/03 04:14:39 147.086974
- 1973/01/02 12:00:08 147.096077
- 1974/01/04 09:41:10 147.093955
- 1975/01/02 12:56:21 147.097946
- 1976/01/04 11:05:17 147.102558
- 1977/01/03 09:54:28 147.093968
- 1978/01/01 23:18:55 147.101234
- 1979/01/04 22:35:55 147.099488
- 1980/01/03 14:45:02 147.092883
- 1981/01/02 01:41:55 147.102484
- 1982/01/04 11:19:39 147.098821
- 1983/01/02 15:17:13 147.094087
- 1984/01/03 21:59:31 147.096395
- 1985/01/03 19:53:51 147.087806
- 1986/01/02 04:55:23 147.096409
- 1987/01/04 23:03:00 147.099737
- 1988/01/03 23:59:14 147.092421
- 1989/01/01 21:53:25 147.100810
- 1990/01/04 17:23:30 147.100007
- 1991/01/03 03:00:06 147.096724
- 1992/01/03 15:03:21 147.103172
- 1993/01/04 03:04:41 147.096988
- 1994/01/02 05:55:11 147.099780
- 1995/01/04 11:06:19 147.099937
- 1996/01/04 07:25:52 147.088038
- 1997/01/01 23:17:03 147.094711
- 1998/01/04 21:16:03 147.099553
- 1999/01/03 13:01:13 147.096730
- 2000/01/03 05:18:44 147.102790

3RD MILLENNIUM CE

This is a list of perihelions of Earth in the 3rd millennium CE.

DATA	TDT	DISTANCE
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		km

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2020/01/05 07:49:04	147.091144
2021/01/02 13:51:43	147.093163
2022/01/04 06:55:49	147.105052
2023/01/04 16:18:36	147.098925
2024/01/03 00:39:45	147.100632
2025/01/04 13:29:14	147.103686
2026/01/03 17:16:44	147.099894
2027/01/03 02:33:53	147.104592
2028/01/05 12:29:31	147.100687
2029/01/02 18:14:39	147.098350
2030/01/03 10:13:46	147.105838
2031/01/04 20:49:01	147.094562
2032/01/03 05:12:30	147.091641
2033/01/04 11:52:26	147.099429
2034/01/04 04:48:05	147.097989
2035/01/03 00:55:25	147.103318
2036/01/05 14:18:18	147.102609
2037/01/03 04:01:37	147.097926
2038/01/03 05:02:41	147.107797
2039/01/05 06:42:47	147.101271
2040/01/03 11:33:58	147.098636
2041/01/03 21:53:03	147.106633
2042/01/04 09:07:56	147.099803
2043/01/02 22:16:42	147.097821
2044/01/05 12:53:28	147.098034
2045/01/03 14:57:38	147.094401
2046/01/03 00:58:59	147.106326
2047/01/05 11:45:40	147.102817
2048/01/03 18:06:44	147.096859
2049/01/03 10:28:26	147.104705

2050/01/04 19:36:18 147.100491
2051/01/03 05:33:02 147.100330
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2053/01/03 22:19:29 147.099584
2054/01/02 18:00:33 147.104974
2055/01/05 12:25:30 147.100474
2056/01/04 03:45:25 147.092260
2057/01/03 03:12:08 147.103595
2058/01/05 04:01:48 147.103799
2059/01/03 10:45:31 147.101460
2060/01/04 22:57:56 147.106698
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2066/01/05 05:47:07 147.102212
2067/01/03 17:06:59 147.093334
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2081/01/02 18:58:14 147.101441
2082/01/05 13:53:15 147.108912
2083/01/04 11:29:21 147.100113
2084/01/03 16:51:14 147.105963
2085/01/05 04:34:43 147.104514
2086/01/03 15:23:38 147.103453
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2088/01/05 15:01:12 147.101669
2089/01/02 17:03:17 147.104474
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2091/01/04 19:24:08 147.094776
2092/01/03 15:31:27 147.100401
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2098/01/05 02:35:47 147.112547
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2101/01/06 06:54:34 147.108213
2102/01/05 06:21:12 147.099408
2103/01/04 19:10:56 147.103865
2104/01/07 05:33:43 147.098542
2105/01/04 10:26:12 147.101750
2106/01/05 17:36:51 147.115038
2107/01/06 14:12:23 147.103082
2108/01/04 16:31:40 147.103852
2109/01/06 06:05:18 147.109998

- 2110/01/05 17:48:50 147.102478
- 2111/01/04 15:46:20 147.107555
- 2112/01/07 06:56:44 147.104197
- 2113/01/04 15:33:08 147.100284
- 2114/01/05 03:29:27 147.109255
- 2115/01/06 22:46:24 147.097856
- 2116/01/05 00:37:33 147.099302
- 2117/01/06 03:12:57 147.112028
- 2118/01/06 03:51:39 147.105597
- 2119/01/04 14:51:41 147.108565
- 2120/01/07 08:41:20 147.106986
- 2121/01/05 02:28:59 147.102682
- 2122/01/04 21:24:05 147.114231
- 2123/01/07 04:34:34 147.105742
- 2124/01/05 03:54:45 147.103158
- 2125/01/05 10:51:17 147.112405
- 2126/01/06 10:06:36 147.100392
- 2127/01/04 17:51:44 147.100095
- 2128/01/07 10:12:11 147.103273
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- 2139/01/07 10:54:34 147.102240

- 2140/01/06 00:59:55 147.098319
- 2141/01/04 22:30:46 147.113727
- 2142/01/07 03:51:01 147.109076
- 2143/01/05 03:43:02 147.104689
- 2144/01/06 15:43:34 147.110473
- 2145/01/06 06:22:00 147.104122
- 2146/01/04 18:07:16 147.110314
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- 2148/01/06 07:36:48 147.102567
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- 2172/01/07 08:41:18 147.104696
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- 2174/01/07 05:08:57 147.108614
- 2175/01/06 17:25:23 147.098382
- 2176/01/05 14:24:27 147.108179
- 2177/01/07 07:22:27 147.113046
- 2178/01/05 19:20:28 147.109729
- 2179/01/05 21:09:43 147.113993
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- 2185/01/07 01:41:56 147.112021
- 2186/01/06 03:55:47 147.103940
- 2187/01/05 16:37:01 147.108598
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- 2189/01/05 08:28:57 147.111099
- 2190/01/06 08:58:18 147.116515
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- 2192/01/05 16:34:26 147.107586
- 2193/01/07 02:10:36 147.115329
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2228/01/08 06:26:01 147.117372
2229/01/08 05:29:01 147.114465

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2247/01/08 11:01:02 147.115253

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4TH MILLENNIUM CE

This is a list of perihelions of Earth in the 4th millennium CE.

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